



# 1998 Toxics Release Inventory

## NEBRASKA

### Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	9,401,560	8,003,053	17,404,613
Air Emissions	6,338,728	4,102,292	10,441,020
Surface Water Discharges	2,487,238	120,760	2,607,998
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	3	0	3
Other On-site Land Releases	575,591	3,780,001	4,355,592
Off-site Releases (Transfers Off-site to Disposal)*	3,684,767	192,384	3,877,151
<b>Total On- and Off-site Releases</b>	<b>13,086,327</b>	<b>8,195,437</b>	<b>21,281,764</b>
Recycled On-site	1,660,358	70,732	1,731,090
Recycled Off-site	26,345,794	65,559	26,411,353
Energy Recovery On-site	534,716	0	534,716
Energy Recovery Off-site	476,364	84,564	560,928
Treated On-site	11,072,700	10,098,136	21,170,836
Treated Off-site**	4,544,108	55,384	4,599,492
Quantity Released On- and Off-site***	20,480,915	8,210,533	28,691,448
<b>Total Production-related Waste Managed</b>	<b>65,114,955</b>	<b>18,584,908</b>	<b>83,699,863</b>
<b>Total Non-production-related Waste Managed</b>	<b>10,296</b>	<b>20,000</b>	<b>30,296</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	23,998,104	65,559	24,063,663
Energy Recovery	500,054	81,674	581,728
Treatment	185,736	54,240	239,976
Publicly Owned Treatment Works (POTWs)	605,460	2,500	607,960
Metals and Metal Compounds*	12,962	0	12,962
Non-metal TRI Chemicals**	592,498	2,500	594,998
Other Off-site Transfers****	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	6,772,459	192,466	6,964,925
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>32,061,813</b>	<b>396,439</b>	<b>32,458,252</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

#### State Contact:

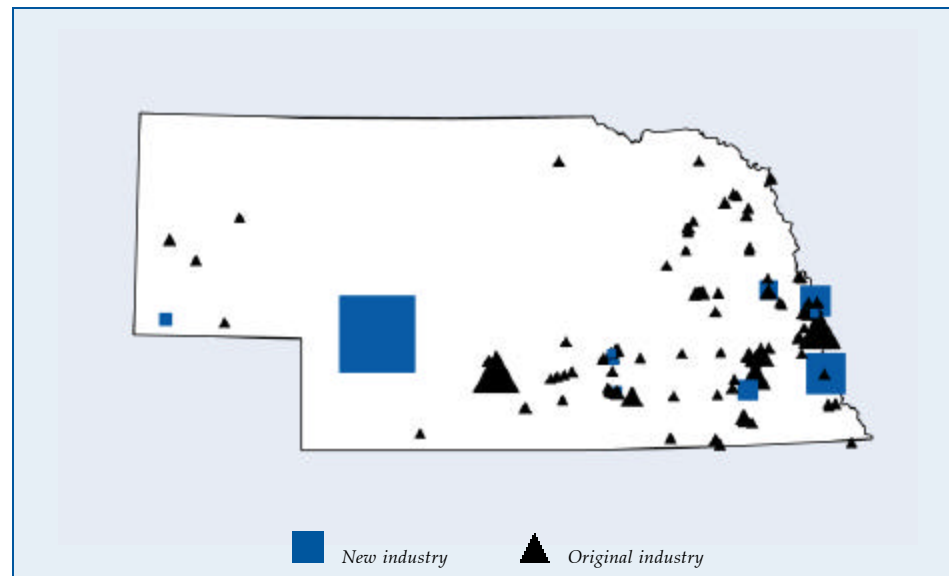
Mike Mallory  
(402) 471-4251  
Fax: (402) 471-2909

#### EPA Regional Contact:

Stephen Wurtz  
(913) 551-3215  
Fax: (913) 551-7065

#### To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

(202) 260-1531  
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Nebraska. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	1,662,719
Square Miles	76,878
Total Facilities	173
Total Forms	602
Form As	102

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	36	41	42
Pounds	13,086,327	8,195,437	21,281,764
<b>National Rank for Total On-site Releases**</b>			
Rank	37	41	41
Pounds	9,401,560	8,003,053	17,404,613
<b>National Rank for Total Releases within State***</b>			
Rank	35	41	42
Pounds	13,620,123	8,179,359	21,799,482
<b>National Rank for Production-related Waste Managed</b>			
Rank	39	38	43
Pounds	65,114,955	18,584,908	83,699,863

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1998 Toxics Release Inventory

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### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds	145,475	12,991	0	0	4,850,132	5,008,598	291	2,439,597	2,410,535
—	Nitrate compounds	0	2,426,905	0	4,400	139,480	2,570,785	0	139,480	0
7664-41-7	Ammonia	1,211,310	37,340	0	511,299	105,020	1,864,969	250	88,442	16,578
110-54-3	n-Hexane	1,051,283	0	0	0	0	1,051,283	0	0	0
1330-20-7	Xylene (mixed isomers)	863,420	10	0	0	441	863,871	1	433	8
—	Manganese compounds	21,139	250	0	16,600	698,594	736,583	317,861	323,884	374,710
108-88-3	Toluene	677,298	5	0	0	481	677,784	0	471	10
95-63-6	1,2,4-Trimethylbenzene	386,992	5	0	0	0	386,997	0	0	0
—	Lead compounds	2,936	286	0	0	339,131	342,353	347	164,047	175,084
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	269,554	0	0	0	0	269,554	0	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	2,609,501	0	0	0	0	2,609,501	0	0	0
—	Barium compounds	171,505	250	0	1,912,835	116,500	2,201,090	0	116,500	0
7664-39-3	Hydrogen fluoride	1,159,039	0	0	0	0	1,159,039	0	0	0
7440-39-3	Barium	241	0	0	1,154,992	0	1,155,233	0	0	0
7782-50-5	Chlorine	16,300	120,000	0	120,000	0	256,300	0	0	0
—	Copper compounds	6,305	5	0	138,322	19,300	163,932	0	19,050	250
—	Zinc compounds	5,055	250	0	124,413	29,650	159,368	13,076	29,650	0
—	Manganese compounds	12,945	0	0	139,505	0	152,450	250	0	0
7664-41-7	Ammonia	47,000	0	0	16,000	0	63,000	0	0	0
—	Nickel compounds	1,300	0	0	44,294	5	45,599	14,238	0	5

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



# 1998 Toxics Release Inventory

## NEBRASKA

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	On-site Releases	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
IBP Inc., Lexington, Dawson	33,530	1,500,750	0	0	0	6,800	1,541,080	6,400	0
PCS Nitrogen Fertilizer L.P., Bellevue, Sarpy	546,505	840,250	0	0	0	4,255	1,391,010	0	5
Goodyear Tire & Rubber Co., Lincoln, Lancaster	881,458	195	0	0	0	0	881,653	74,757	681
ADM, Lincoln, Lancaster	690,001	250	0	0	0	0	690,251	753	1,200
U.S.D.A. Agricultural Research Service Rlhusmarc, Clay Center, Clay	0	0	0	0	0	499,530	499,530	0	0
New Holland N.A. Inc., Grand Island, Hall	300,000	0	0	0	0	0	300,000	0	0
Farmland Industries,Inc., Beatrice, Gage	208,370	48,825	0	0	0	700	257,895	0	0
Archer Daniels Midland, Fremont, Dodge	255,010	0	0	0	0	0	255,010	0	0
Crown Beverage Packaging, Omaha, Douglas	243,320	0	0	0	0	0	243,320	0	0
Agrium US Inc., Homestead Nitrogen Ops., Beatrice, Gage	168,440	53,349	0	0	0	0	221,789	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases * Pounds	On-site Releases	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Nebraska Public Power District. Gerald Gentleman Station, Sutherland, Lincoln	1,583,200	120,000	0	0	0	2,012,000	3,715,200	0	0
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	820,490	250	0	0	0	877,000	1,697,740	0	0
Omaha Public Power District North Omaha Station, Omaha, Douglas	804,790	5	0	0	0	381,300	1,186,095	0	0
Nebraska Public Power District — Sheldon Station, Hallam, Lancaster	387,760	0	0	0	0	219,500	607,260	0	0
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	423,600	505	0	0	0	116,505	540,610	165,200	0
Clean Harbors Environmental Services Inc., Kimball, Kimball	16,001	0	0	0	0	168,694	184,695	0	25,106
Platte Generating Station, Grand Island, Hall	43,135	0	0	0	0	10	43,145	0	0
Whelan Energy Center, Hastings, Adams	23,280	0	0	0	0	4,992	28,272	0	0
Van Waters & Rogers Inc., Omaha, Douglas	34	0	0	0	0	0	34	0	2,160
Safety-Kleen Sys. (506501), Grand Island, Hall	2	0	0	0	0	0	2	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 1998 Toxics Release Inventory

## NEBRASKA

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Nucor Steel, Nebraska, Norfolk, Madison	0	2,156,862	0	0	76	3,542,468	10,006,044	15,705,450	0
IBP Inc., Lexington, Dawson	0	37,000	0	0	689,000	2,200	1,547,040	2,275,240	0
PCS Nitrogen Fertilizer L.P., Bellevue, Sarpy	150,000	0	0	0	2,629,000	0	1,386,131	4,165,131	5,576
Goodyear Tire & Rubber Co., Lincoln, Lancaster	24,432	0	1,258	83,002	0	5,124	957,092	1,070,908	0
ADM, Lincoln, Lancaster	0	33,000	0	0	160,000	840	691,954	885,794	0
U.S.D.A. Agricultural Research Service Rhusmarc, Clay Center, Clay	0	0	0	0	0	0	499,530	499,530	0
New Holland N.A. Inc., Grand Island, Hall	0	0	0	4,200	0	0	300,000	304,200	0
Behlen Mfg. Co., Columbus, Platte	0	194,000	0	26,000	0	0	281,500	501,500	0
Farmland Industries, Inc., Beatrice, Gage	750,810	10,565	11,200	0	94,000	0	258,080	1,124,655	785
Archer Daniels Midland, Fremont, Dodge	0	0	0	0	0	700	255,010	255,710	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Nebraska Public Power District. Gerald Gentleman Station, Sutherland, Lincoln	64,720	0	0	0	0	0	3,656,000	3,720,720	20,000
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	0	0	0	0	0	0	1,697,000	1,697,000	0
Omaha Public Power District North Omaha Station, Omaha, Douglas	0	0	0	0	0	0	1,186,300	1,186,300	0
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	0	0	0	0	0	0	701,000	701,000	0
Nebraska Public Power District — Sheldon Station, Hallam, Lancaster	1,020	0	0	0	0	0	612,000	613,020	0
Clean Harbors Environmental Services Inc., Kimball, Kimball	0	0	0	84,564	10,095,636	53,224	291,762	10,525,186	0
Platte Generating Station, Grand Island, Hall	0	0	0	0	0	0	43,155	43,155	0
Whelan Energy Center, Hastings, Adams	4,992	0	0	0	0	0	23,280	28,272	0
Van Waters & Rogers Inc., Omaha, Douglas	0	0	0	0	2,500	2,160	34	4,694	0
Safety-Kleen Sys. (506501), Grand Island, Hall	0	65,559	0	0	0	0	2	65,561	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.